AMENDMENTS TO THE SPECIFICATION

Please replace paragraph beginning on page 2, line 7 with the following paragraph:

Content management systems can help users and administrators to classify data so that intelligible and relevant information may be returned to a specific type of user. For example, a worldwide email system might be able to access resources from many different countries and in many different languages. A user, however, may not need different language versions of the same content or versions of the same content adapted for different cultures. By localizing the content for a particular user or type of user, it is possible to greatly reduce the universe of information to be presented to the user. Localizing content for a user may be thought of ~~either~~ as either gathering desirable information elements together from an undesirably large universe of information, or conversely, filtering out undesirable information elements from a pre-existing set of desirable information elements.

Please replace paragraph beginning on page 7, line 10 with the following paragraph:

Localization as used herein refers to a process wherein a subset of the above-mentioned content elements in a system is selected, partitioned, filtered, directed, and/or marked for a particular population of users, market, and/or a particular need. Thus, a localization target (herein "target") is a population ~~or users~~ of users or a particular need to which localized resources and/or content elements are directed. A localization of resources or content elements is effected according to a set of localization criteria (herein "target criteria" or "target criteria set"), usually composed of one or more attribute values that describe the target population or need. The resources and/or content elements to be localized are imbued with attribute values that describe a target. Hence, a target criterion composed of a language attribute value of "Japanese" localizes content elements having the "Japanese" attribute value and also describes the target (the population of users to which content will be directed), that is, localization criteria are attribute values that describe the target and the resources directed to the target. A set of localized content elements and/or the resources that include the content elements is also sometimes referred to as an "environment." To summarize, localization creates a subset of content elements directed to a target (a population of users or a particular need) according to target criteria, which are attribute values describing the target.

Please replace paragraph beginning on page 10, line 20 with the following paragraph:

In some implementations, a value is not placed in the exemplary values table 500 unless a resource includes an actual instance of a content element that possesses both the value and its associated attribute. Such implementations of the subject matter result in a content management system in which ~~operates~~ operations within localized content are reliable as to which resources and/or content elements exist and which do not. In other words, in such an implementation a user who obtains a result knows the result exists, and a user who does not obtain a certain result knows that the certain result does not exist in the system. Thus, an exemplary content management system is superior in its ability to indicate existence of particular content over many types of information search engines that only suggest a hypothetical fit between search criteria and results found, or suggest a degree of correlation between search criteria and items on a hit list.

Please replace paragraph beginning on page 12, line 22 with the following paragraph:

Fig. 7 shows an exemplary set of localization target criteria 700 (also referred to herein as "target"), which are attribute values to be used to perform a localization. In an exemplary content management system, an exemplary set of

localized target criteria 700 include one or more localization attributes, such as language, country, age range, etc., each having a value used as a criterion for the localization. Each value in an exemplary set of localized target criteria 700 is related to an attribute in an exemplary values table 500, which in turn is related to a priority for the attribute 402 in an exemplary attribute table 400. For example, within an exemplary target 700, "Dutch" may be a value for a language attribute assigned a priority of one, "Belgium" may be a value for a ~~language~~ country attribute assigned a priority of two, and "25-30 year olds" may be a value for an age range attribute assigned a priority of three. When the priorities 404 are added together, the overall priority sum 702 for the exemplary target 700 adds up to six. To reiterate, the weight assigned to a given priority may be user-selectable. Actual priority sum results also depend on a particular weighting method used to rank attribute priorities. Depending on how the priorities 404 are assigned to the attributes 402 in the attribute table 400 and the weighting method employed, a higher priority sum 702 may indicate a more localized target environment 700 as more attributes and/or narrower attributes are considered in refining the localization, that is to say, a very specific attribute may result in a very high priority sum. However, since different weighting methods may be used to assign numbers to attribute priorities, in some implementations a lower priority sum may indicate a more specific localization.

Please replace paragraph beginning on page 16, line 21 with the following paragraph:

In the exemplary localizations 900, four attributes are intersected, or contribute, to the localizations: language 902, country 904, age group 906, and gender 908. Although four attributes are illustrated, any number could be used. It should be noted that the illustrated attributes and resulting localizations may represent multiple sets of targets (e.g., combinations of 700, 802, 804, 806, 808), including pre-existing targets and/or merely hypothetical targets. In other words, attributes ~~may used~~ may be used in various combinations to yield different targets and resulting localizations.